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Kristoffer [SE/SE]; Birgittagatan 15B, S-414 53 Göteborg  
(SE).

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(74) Agent: CONIMAR AB; Box 2086, S-141 02 Huddinge  
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(71) Applicant (*for all designated States except US*): INNATE PHARMACEUTICALS AB [SE/SE]; Umestan, S-903 47 Umeå (SE).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): KAUPPI, Anna, Maria [SE/SE]; Morkullevägen 18M, S-906 51 Umeå (SE). ELOFSSON, Jan, Mikael, Christian [SE/SE]; Sjöfruvägen 13, S-907 51 Umeå (SE). WOLF-WATZ, Hans, Olof [SE/SE]; Djäkneböle 725, S-905 87 Umeå (SE). NORDFELTH, Olov, Roland [SE/SE]; Bofinksvägen 4B, S-906 51 Umeå (SE). DAHLGREN, Markus,

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(54) Title: METHODE ET SONDE D'IDENTIFICATION D'AGENTS MODIFICATEURS DE LA VIRULENCE BACTERIENNE, AGENTS AINSI IDENTIFIES ET LEUR UTILISATION

(57) Abstract: L'invention porte sur un procédé d'identification d'agents antibactériens modificateurs de virulence comportant les étapes suivantes: épuiser en Ca<sub>2+</sub> les bactéries d'une souche comprenant le gène hybride luxAB; incuber les bactéries épuisées en Ca<sub>2+</sub> avec un agent dont l'effet antibactérien doit être déterminé; et enregistrer la lumière émise par les bactéries après adjonction d'un aldéhyde. L'incubation se fait à une température dépassant d'au moins 10 °C celle à laquelle les bactéries émettent de la lumière. L'invention porte également sur les sondes et sur les agents antibactériens identifiés au moyen dudit procédé.

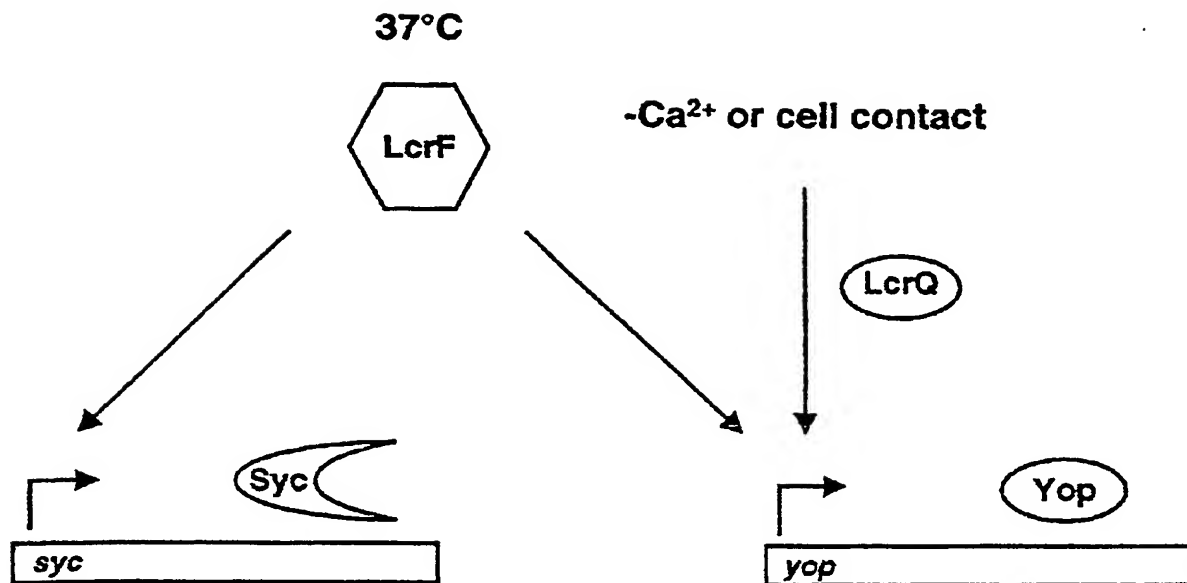


Fig. 1A

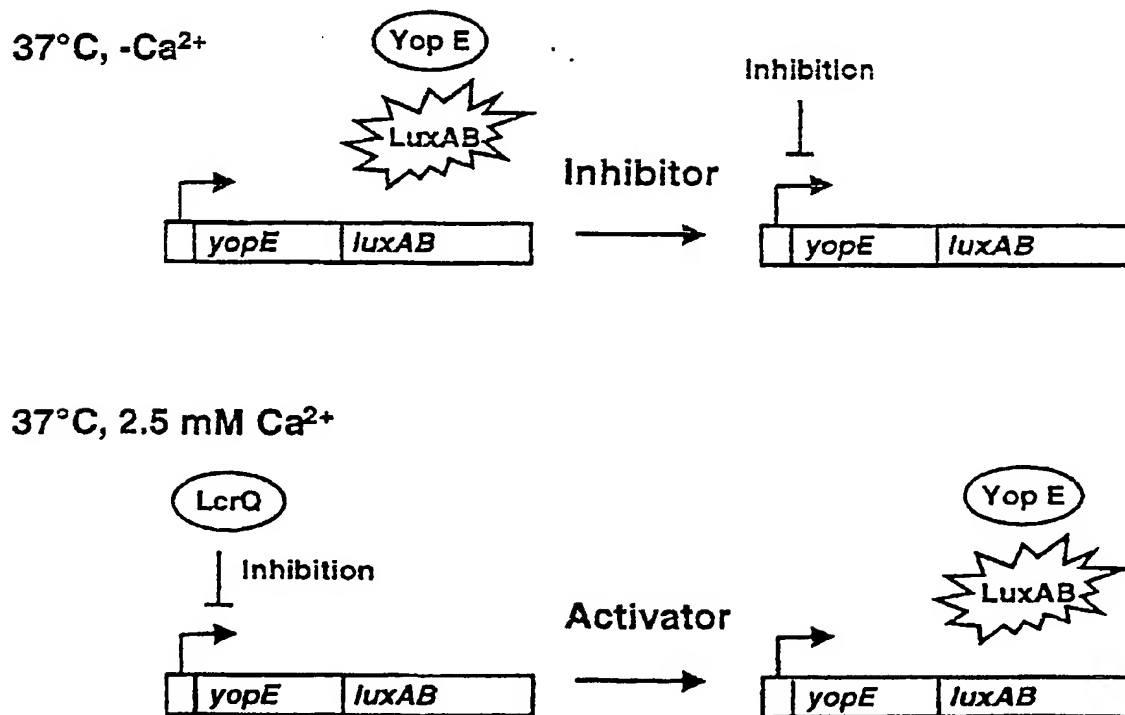
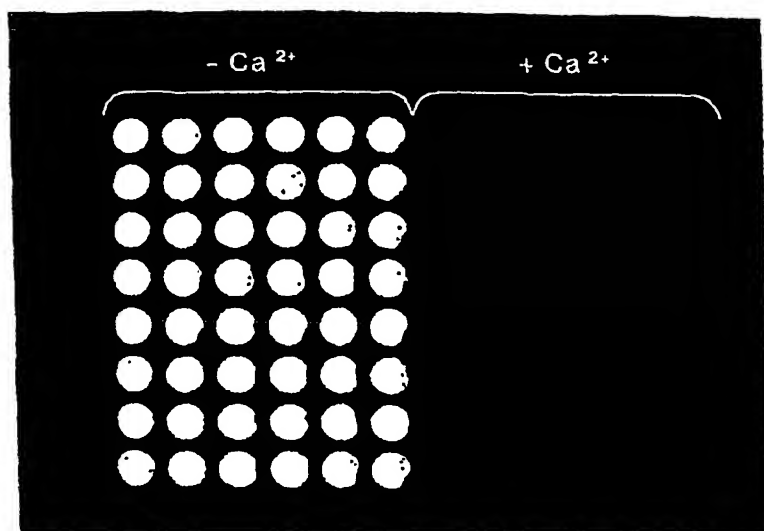
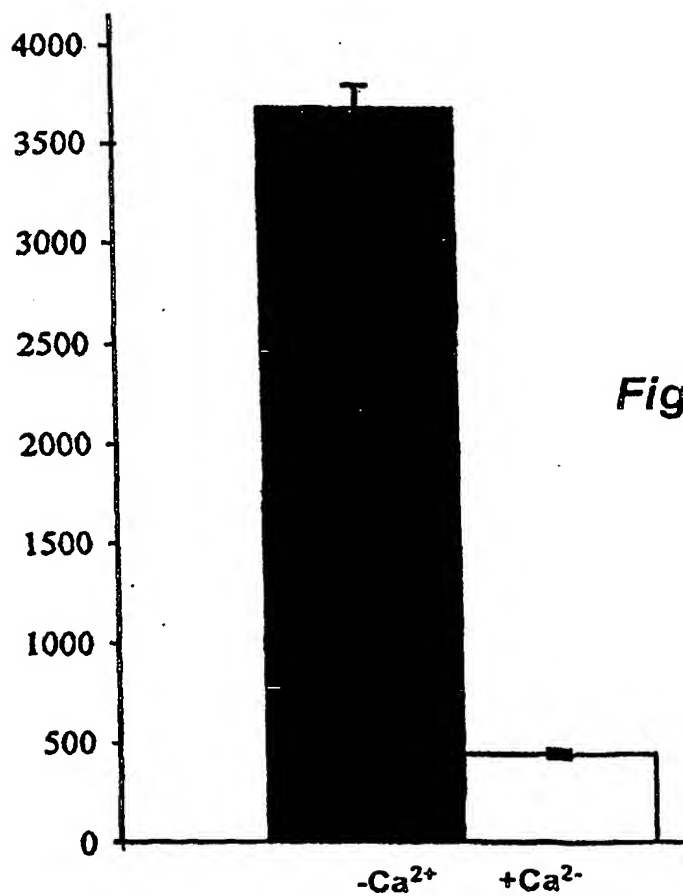
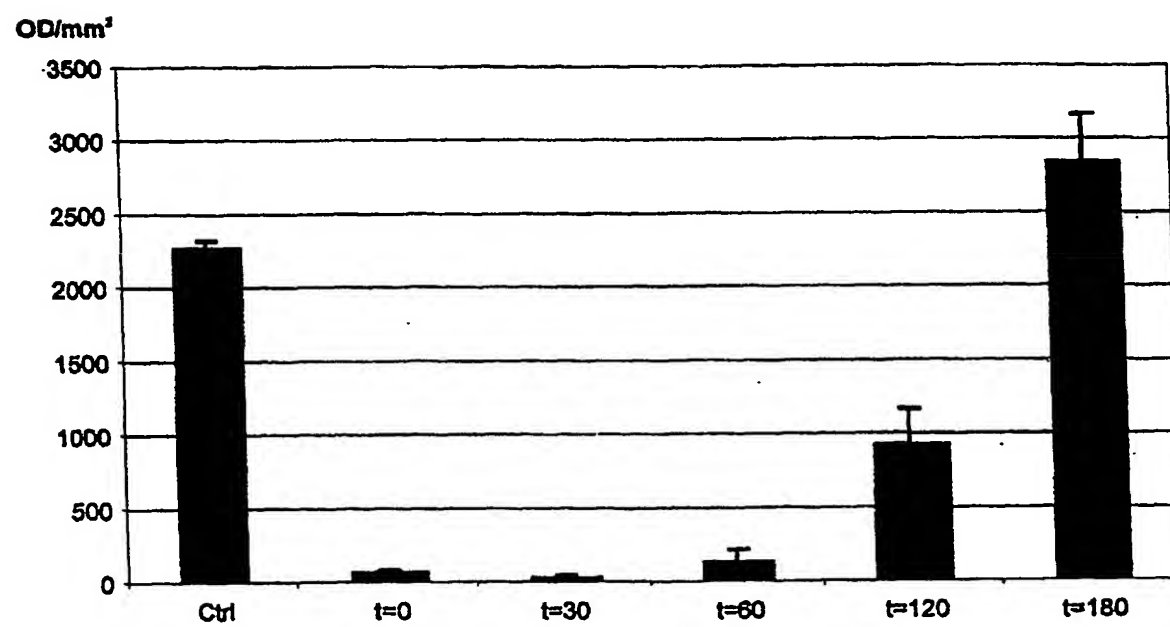


Fig. 1B

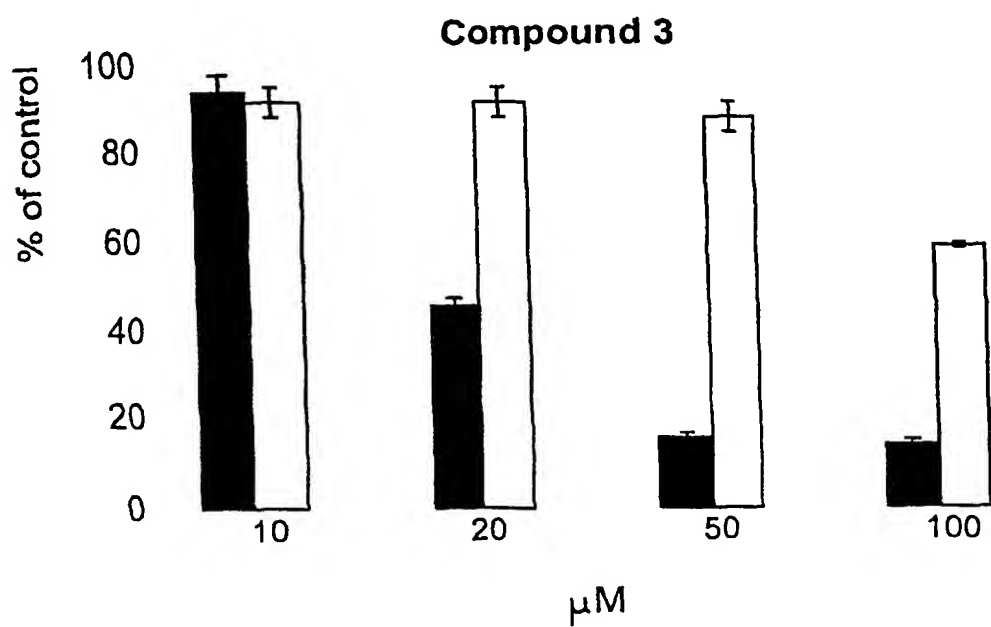
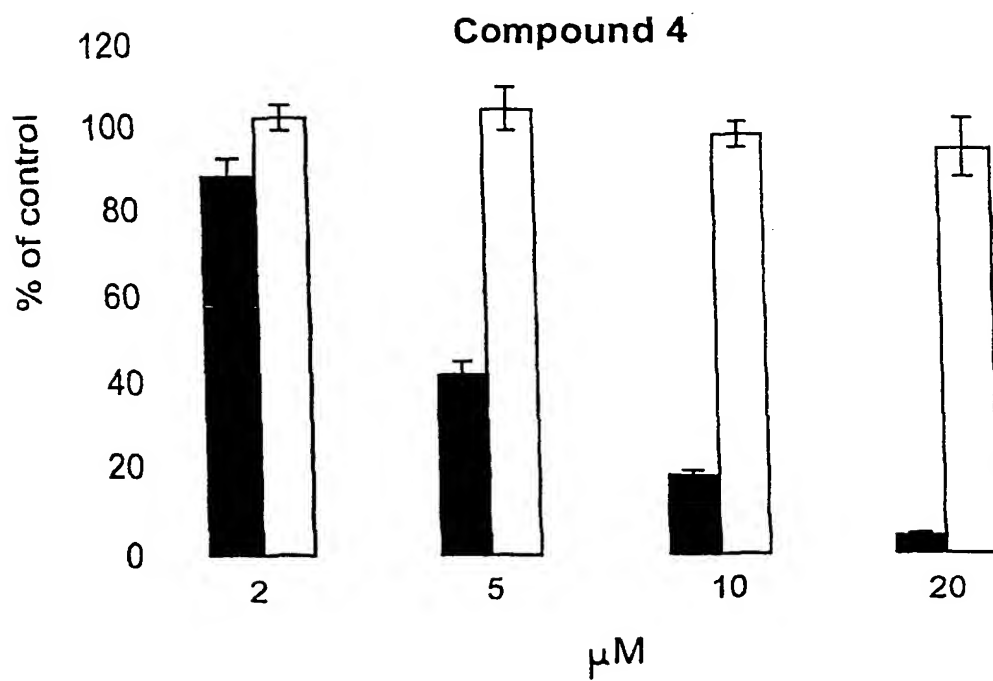
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*Fig. 2A**Fig. 2B*

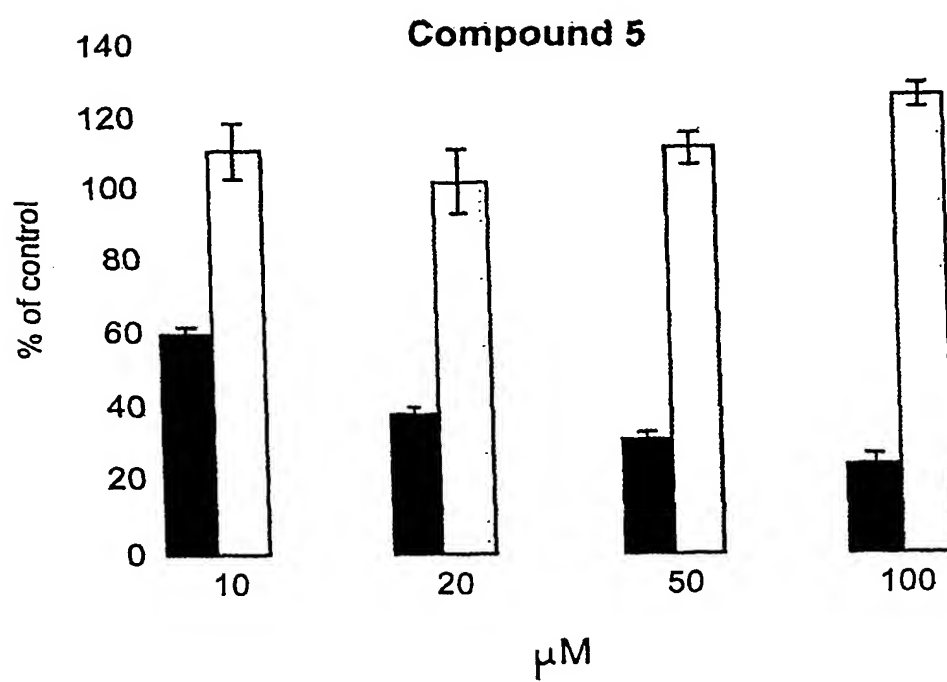
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*Fig. 3*

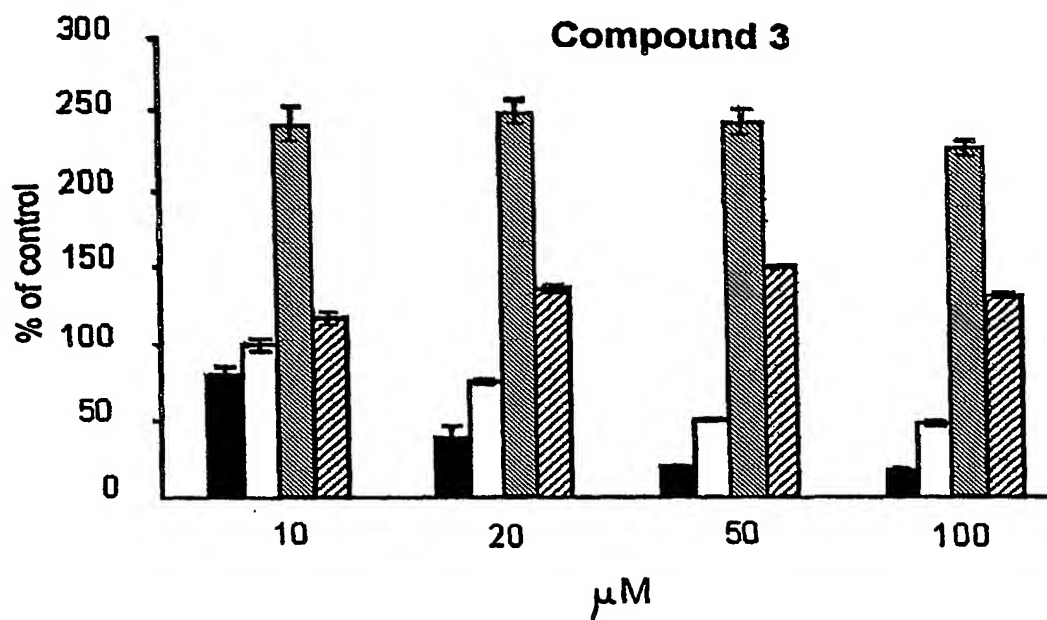
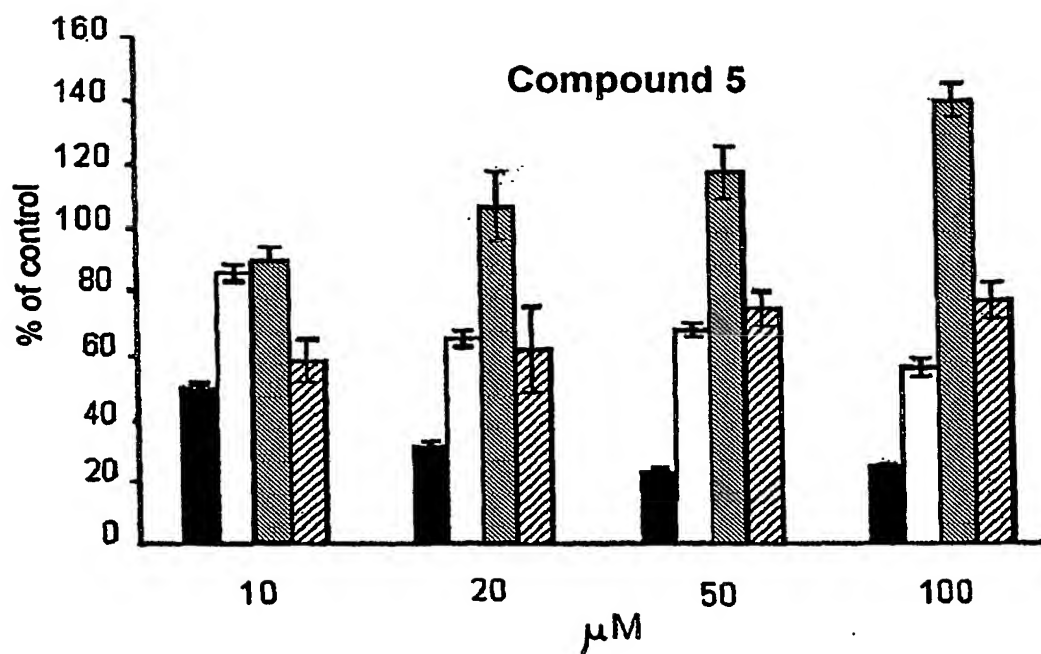
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**Fig. 4A****Fig. 4B**

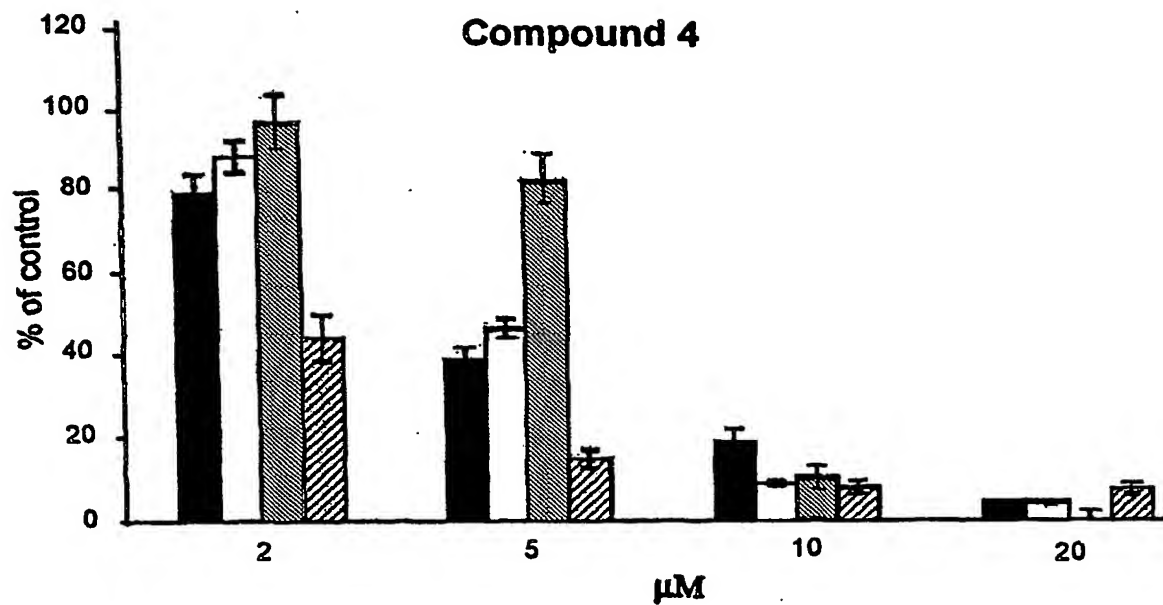
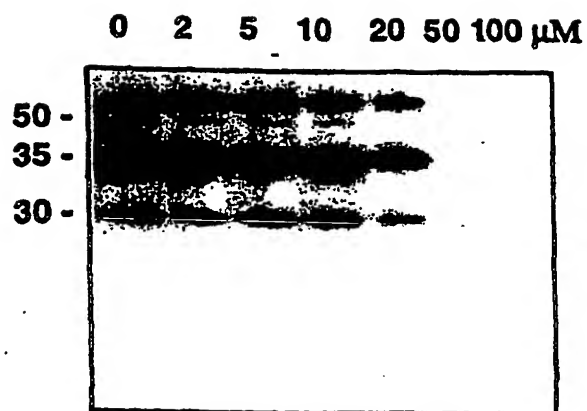
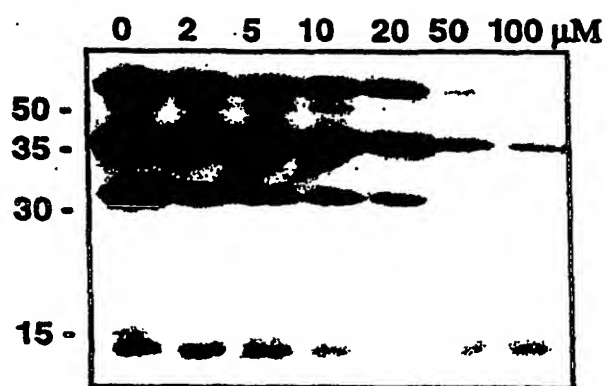
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**Fig. 4C**

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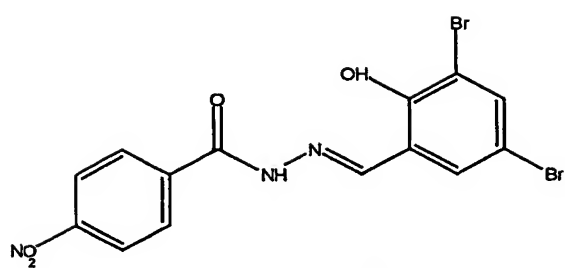
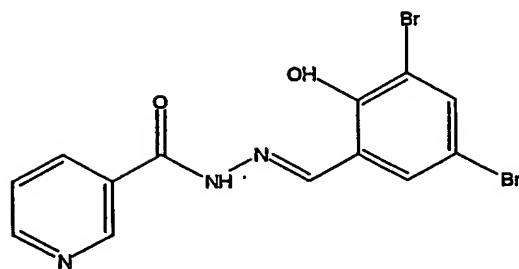
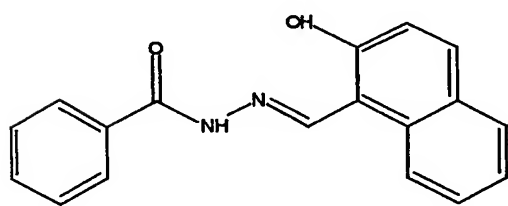
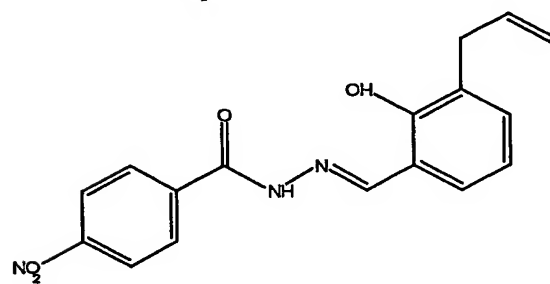
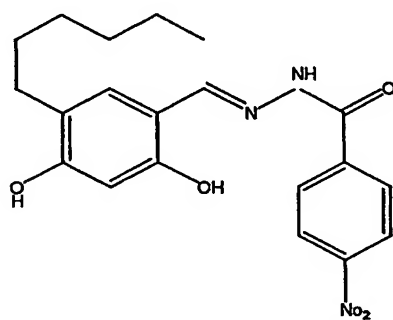
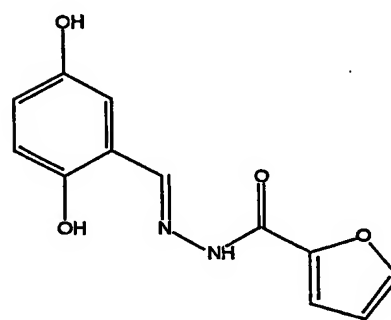
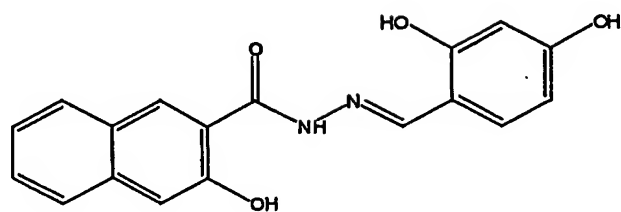
**Fig. 5A****Fig. 5B**

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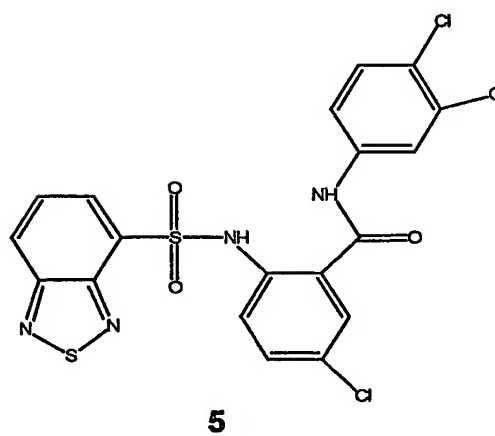
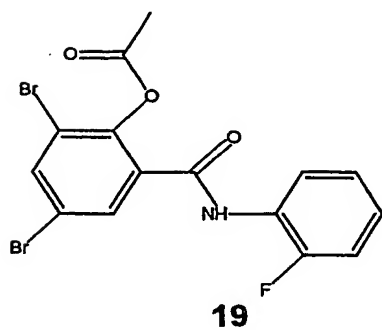
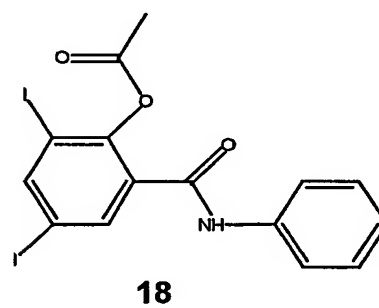
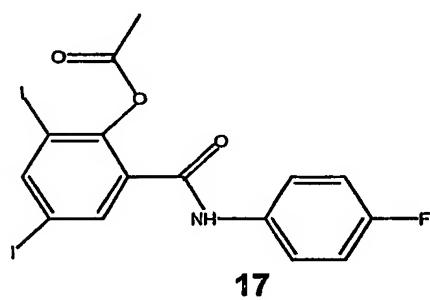
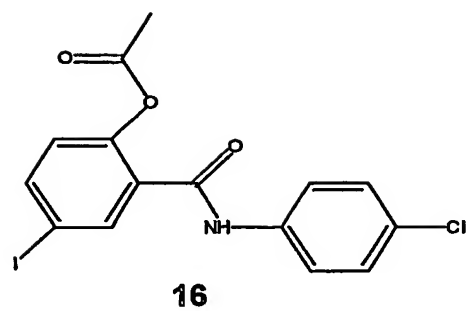
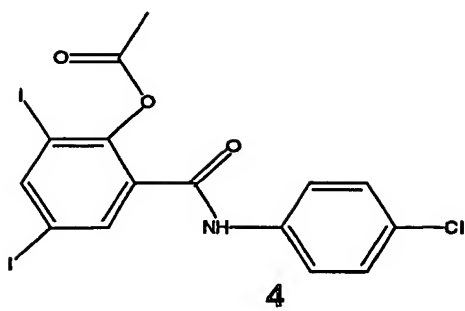
**Fig. 5C****Fig. 6A****Fig. 6B**



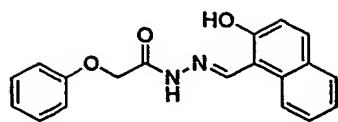
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**3****7****9****10****11****12****13****Fig. 7**

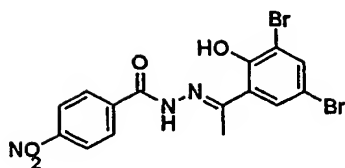
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**Fig. 8**

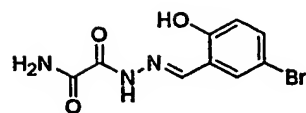
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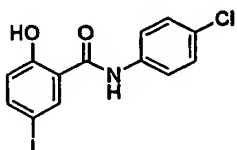
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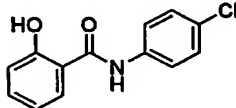
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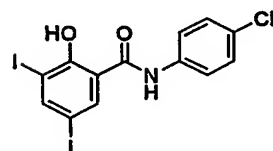
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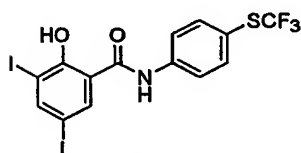
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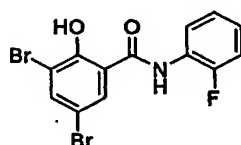
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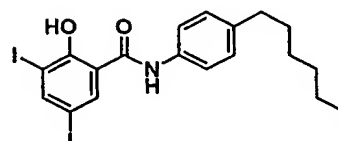
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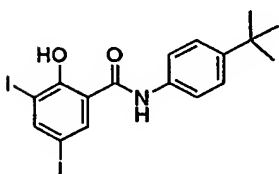
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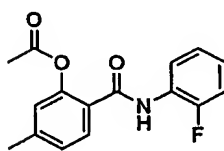
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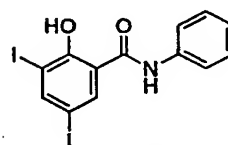
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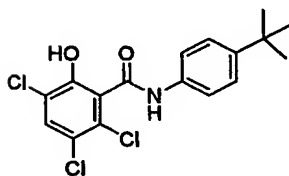
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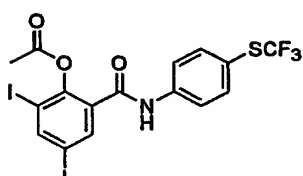
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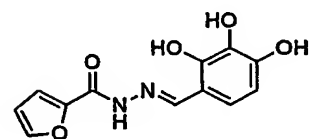
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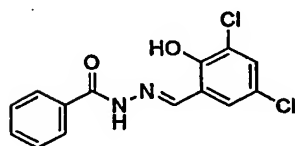
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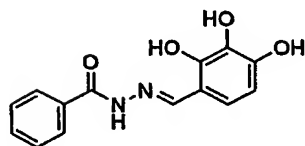
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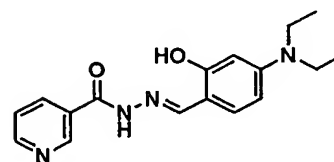
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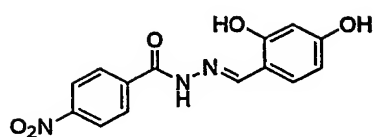
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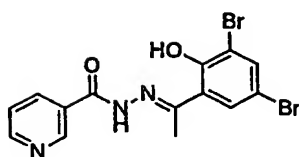
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Fig. 9

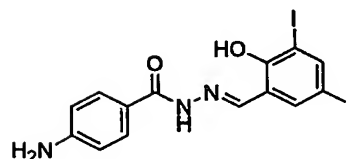
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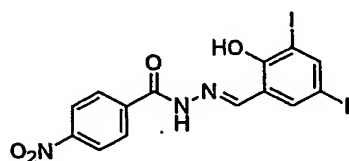
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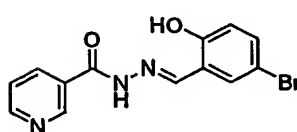
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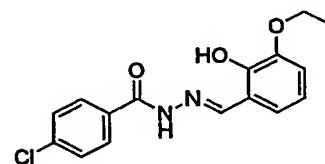
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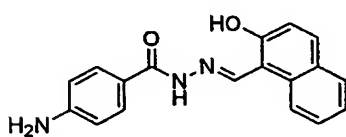
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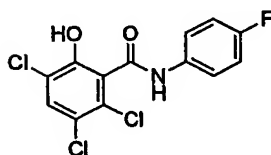
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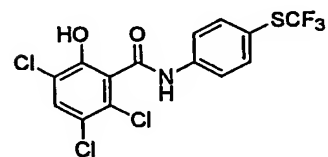
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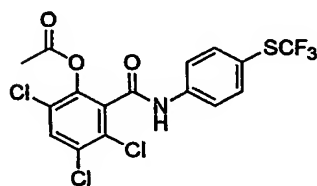
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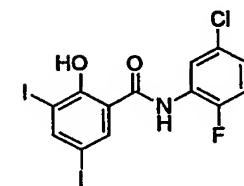
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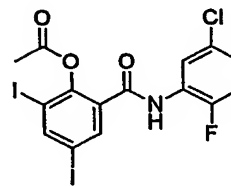
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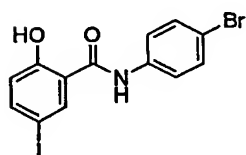
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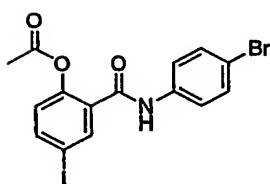
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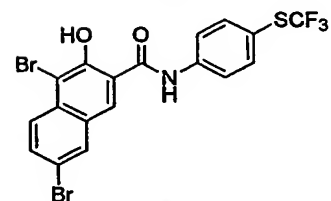
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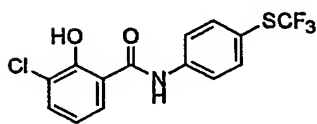
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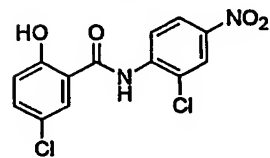
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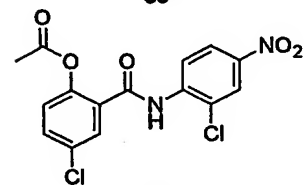
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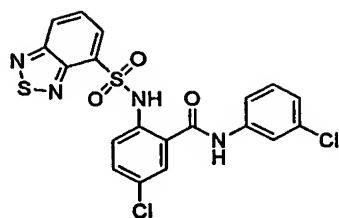
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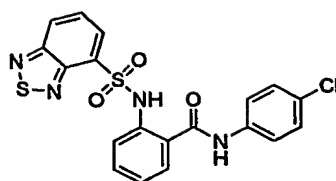
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Fig. 10

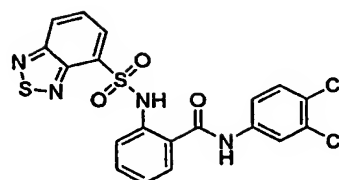
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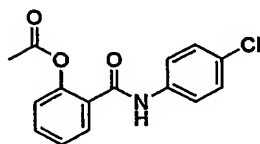
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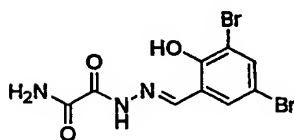
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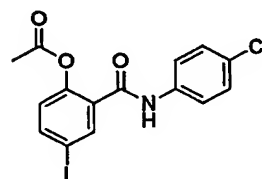
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**Fig. 11**